



Federal Express Tracking#: 8033 5506 5595

February 28, 2014

Office of Enforcement and Compliance Assurance
Office of Federal Activities
International Compliance Assurance Division (2254A)
Environmental Protection Agency
1200 Pennsylvania Ave., NW
Washington, DC 20460

**Re: 2013 Annual Export Report
Delaware City Refining Company
EPA ID Number: DEN201000006**

Dear Administrator,

The Delaware City Refining Company LLC ("DCRC") is submitting this Annual Report for the 2013 calendar year for hazardous waste that was exported to a foreign country from our refinery located in Delaware City, DE. Please note that Omni Vision International, Inc. and Clean Harbors – Canada may have filed similar reports for the waste streams (Spent Hydrotreating Catalyst and Primary Solids, respectively) identified in this report.

This report has been prepared in accordance with the requirements of 40 CFR 262.56.

(a)(1) The EPA identification number, name, and mailing and site address of the exporter:

EPA ID No. DEN201000006
Delaware City Refining Company LLC
4550 Wrangle Hill Road
Delaware City, DE 19706

(a)(2) The calendar year covered by the report:

2013

received
Sent 3/6/2014



(a)(3) The name and site address of each consignee:

Consignee #1 (Spent Hydrotreating Catalyst)

Union Corporation #548
Okmyoung-Ri, Daesongmyon,
Namqu, Pohang City
Kyungsanbuk-Do, Korea

Consignee #2 – (Environmentally Hazardous Substances - waste codes F037 & D018)

Clean Harbors Canada, Inc.
4090 Telfer Road RR#1
Corunna, Ontario NON 1G0

(a)(4) By consignee, for each hazardous waste exported, a description of the hazardous waste, the EPA hazardous waste number (from 40 CFR part 261, subpart C or D), DOT hazard class, the name and US EPA ID number (where applicable) for each transporter used, the total amount of waste shipped and number of shipments pursuant to each notification:

Consignee #1

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2
Transporter: R & B Debris LLC (EPA ID# NJR000065086)
Total Amount of Waste Shipped: 192.6975 Tons
Number of Shipments: 13 shipments

Consignee #2

Waste Environmentally Hazardous Substances (CPI sludge), D018 and F037, Hazard Class 9
Transporter: Clean Harbors Environmental Services, Inc. (EPA ID# MAD039322250)
Total Amount of Waste Shipped: 181.911 Tons
Number of Shipment: 12 shipments



(a)(5) Except for hazardous waste produced by exporters of greater than 100 kg but less than 1000 kg in a calendar month, unless provided pursuant to §262.41, in even numbered years:

(i) A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated; and

Waste #1 – Spent Hydrotreating Catalyst

The goal of the DCRC is to continuously reduce hazardous waste generation through process improvement and recycling. The DCRC constantly evaluates and optimizes production processes to extend the catalyst life. The DCRC also actively seeks opportunities for viable alternatives. The DCRC's preference is reclamation or reuse of these spent hydrotreating catalysts (K171) as we resort to disposal if recycling efforts are deemed infeasible. As a result the spent hydrotreating catalysts were reclaimed for base metals at Union Corporation in Korea.

Waste #2 - Waste Environmentally Hazardous Substances (CPI sludge)

This waste stream was produced episodically in 2013 via the clean-out of process equipment (i.e. the Corrugated Pipe Interceptors – CPIs) located at the DCRC's onsite Waste Water Treatment Unit (WWTU). Efforts were made to reduce the volume of this waste stream by utilizing a centrifuge to reduce the volume of the waste.

(ii) A description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent such information is available for years prior to 1984:

Waste #1 – Spent Hydrotreating Catalyst

The volumes of the spent catalysts are driven by economics, product demand and process efficiency. A year-to-year comparison is not indicative of the DCRC's waste reduction efforts. Through metal reclamation at Union Corporation, approximately 10% of the molybdenum contained in the spent hydrotreating catalysts was reclaimed in 2013.

Waste #2 - Waste Environmentally Hazardous Substances

The volumes of CPI sludge produced and year-to-year vary as this waste stream is produced episodically via the cleaning of the CPIs located at the Facility's WWTP. Therefore, a year-to-year comparison is not indicative of the DCRC's waste reduction efforts.



(a)(6) A certification signed by the primary exporter:

The certification is included as Attachment A

Please contact me at (302) 834-6212 or Michael.Hayes@pbfenergy.com if you have any questions regarding this information.

Sincerely,
Delaware City Refining Company, LLC

A handwritten signature in dark ink, appearing to read "Michael Hayes", is written in a cursive style.

Michael Hayes
Environmental Engineer

Attachment A



Attachment A

Certification by Primary Exporter

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

A handwritten signature in black ink, appearing to read "Jose Dominguez", is written over a horizontal line.

Jose Dominguez, Refinery Manager

The date "2/28/14" is handwritten in black ink over a horizontal line.

Date



cc: Department of Natural Resources and Environmental Control
Solid and Hazardous Waste Management Branch
89 Kings Highway
Dover, Delaware 19901

STANDARD OVERNIGHT

CAUTION: DO NOT OPEN

20460
DC-US
IAD

SA RDVA



00113
00200

FedEx Express *Package US Airbill*

FedEx Tracking Number

8033 5506 5595

1 From

Date 2/28/14

Sender's Name Michael Hayes

Phone 302 834-6000

Company DELAWARE CITY REFINING COMPANY

Address 4550 WRANGLE HILL RD

Dept./Floor/Suite/Room

City DELAWARE CITY

State DE ZIP 19706

2 Your Internal Billing Reference

3 To

Recipient's Name Environmental Protection Agency

Phone 202 272-0167

Company International Compliance Assurance Div

Address 1300 Pennsylvania Ave, NW

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Washington

State DC ZIP 20460

HOLD Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

☐

HOLD Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

☐



8033 5506 5595

0109222189

Form ID No.

0215

Recipient's Copy

4 Express Package Service

*To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

- ☐ FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☒ FedEx Standard Overnight
Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ FedEx 2Day A.M.
Second business morning.* Saturday Delivery NOT available.
- ☐ FedEx 2Day
Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver
Third business day.* Saturday Delivery NOT available.

5 Packaging

*Declared value limit \$500.

- ☒ FedEx Envelope*
- ☐ FedEx Pak*
- ☐ FedEx Box
- ☐ FedEx Tube
- ☐ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without obtaining a signature for delivery.

☐ D
Si
m

Does this shipment contain dangerous goods?

- ☒ No
- ☐ Yes
As per attached Shipper's Declaration
- ☐ Yes
Shipper not rec.

RT 0
FZ 0

5595
03.03

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

- ☒ Sender Acct. No. in Section 1 will be billed.
- ☐ Recipient
- ☐ Third Party
- ☐ Credit Card
- ☐ Cash/Check

Total Packages

Total Weight

lbs.

Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

